

US Application No. 09/491,527

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a processor which generates an overlay composite from the image set which comprises a region of overlap of the droplet sub-sets.

20. An apparatus according to claim 19 wherein the drop deposition system comprises a pulse-jet.

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22. (TWICE AMENDED) An apparatus according to claim ~~19~~¹ wherein the image capture system provides multiple image sets of respective multiple target feature locations, each image set representing a corresponding target feature location and in which each image represents the location following deposition of a corresponding sub-set of multiple droplets for that feature.

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23. (TWICE AMENDED) An apparatus according to claim ~~22~~³ wherein the image capture system provides each set from multiple captured images each of which simultaneously includes multiple target feature locations following a cycle of droplet depositions at those locations.

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25. (TWICE AMENDED) An apparatus according to claim ~~19~~¹ wherein the drop deposition system alters the deposition of additional droplets for the feature, or of droplets for other features on the same or another array, based at least in part on the overlay composite.

26. An apparatus according to claim 19 additionally comprising a storage medium and a communication module, wherein the processor stores the overlay composite on the storage medium and causes the communication module to communicate the stored overlay composite to a remote user of the array.

Remarks

The Examiner is thanked for the Office Action mailed 08/28/20. A Notice of Appeal was mailed on 12/20/2002 along with a 1-month extension of time to respond.